

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/607,918  
Source: 1Fw/6  
Date Processed by STIC: 10/3/06

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IFW16

## RAW SEQUENCE LISTING

DATE: 10/03/2006

PATENT APPLICATION: US/10/607,918

TIME: 10:17:06

Input Set : E:\OMRF050.APP.txt

Output Set: N:\CRF4\10032006\J607918.raw

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3 <110> APPLICANT: HARLEY, JOHN B.
4   JAMES, JUDITH A.
6 <120> TITLE OF INVENTION: DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS IN
7   AUTOIMMUNE DISORDERS
9 <130> FILE REFERENCE: OMR050USD2
11 <140> CURRENT APPLICATION NUMBER: 10/607,918
12 <141> CURRENT FILING DATE: 2003-06-27
14 <150> PRIOR APPLICATION NUMBER: 10/012,756
15 <151> PRIOR FILING DATE: 2001-10-24
17 <150> PRIOR APPLICATION NUMBER: 08/781,296
18 <151> PRIOR FILING DATE: 1997-01-13
20 <150> PRIOR APPLICATION NUMBER: 60/019,053
21 <151> PRIOR FILING DATE: 1996-05-16
23 <160> NUMBER OF SEQ ID NOS: 38
25 <170> SOFTWARE: PatentIn Ver. 2.1
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29 <212> TYPE: PRT
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34   1           5
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38 <211> LENGTH: 8
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48 <211> LENGTH: 7
49 <212> TYPE: PRT
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53 Arg Gly Arg Gly Arg Glu Lys
54   1           5
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60 <213> ORGANISM: Epstein Barr Virus
62 <400> SEQUENCE: 4
63 Pro Pro Pro Gly Met Arg Pro Pro
64   1           5

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74 1 5
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79 <212> TYPE: PRT
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84 1 5
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88 <211> LENGTH: 24
89 <212> TYPE: PRT
90 <213> ORGANISM: Epstein Barr Virus
92 <400> SEQUENCE: 7
93 Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
94 1 5 10 15
96 Gly Ala Gly Ala Gly Ala Gly Ala
97 20
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 8
102 <212> TYPE: PRT
103 <213> ORGANISM: Epstein Barr Virus
105 <400> SEQUENCE: 8
106 Pro Pro Pro Gly Met Arg Gly Pro
107 1 5
110 <210> SEQ ID NO: 9
111 <211> LENGTH: 26
112 <212> TYPE: PRT
113 <213> ORGANISM: Epstein Barr Virus
115 <400> SEQUENCE: 9
116 Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg
117 1 5 10 15
119 Gly Arg Gly Arg Gly Gly Pro Arg Arg
120 20 25
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 18
125 <212> TYPE: DNA
126 <213> ORGANISM: Epstein Barr Virus
128 <400> SEQUENCE: 10
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132 <210> SEQ ID NO: 11
133 <211> LENGTH: 18
134 <212> TYPE: DNA
135 <213> ORGANISM: Epstein Barr Virus

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18

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137 <400> SEQUENCE: 11
138 gaccggtgcc ttcttagg 18
141 <210> SEQ ID NO: 12
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144 <213> ORGANISM: Epstein Barr Virus
146 <400> SEQUENCE: 12
147 aagacgattc gggttgtgag gtggtgtggg tccgtgtgtg atgtgtgtgg gtgggcag 58
150 <210> SEQ ID NO: 13
151 <211> LENGTH: 26
152 <212> TYPE: PRT
153 <213> ORGANISM: Epstein Barr Virus
155 <400> SEQUENCE: 13
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159 Gly Arg Gly Arg Gly Gly Gly Arg Pro Gly
160 20 25
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164 <211> LENGTH: 20
165 <212> TYPE: PRT
166 <213> ORGANISM: Epstein Barr Virus
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169 Gly Gly Ser Gly Ser Gly Pro Arg His Arg Asp Gly Val Arg Arg Pro
170 1 5 10 15
172 Gln Lys Arg Pro
173 20
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177 <211> LENGTH: 8
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179 <213> ORGANISM: Epstein Barr Virus
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183 1 5
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187 <211> LENGTH: 17
188 <212> TYPE: PRT
189 <213> ORGANISM: Epstein Barr Virus
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193 1 5 10 15
195 Gly
199 <210> SEQ ID NO: 17
200 <211> LENGTH: 13
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202 <213> ORGANISM: Epstein Barr Virus
204 <400> SEQUENCE: 17
205 Gly Thr Gly Ala Gly Ala Gly Ala Arg Gly Arg Gly Gly
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230 <211> LENGTH: 16
231 <212> TYPE: PRT
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236   1           5           10           15
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241 <212> TYPE: PRT
242 <213> ORGANISM: Epstein Barr Virus
244 <400> SEQUENCE: 21
245 Ser Ser Ser Ser Gly Ser Pro Pro Arg Arg Pro Pro Pro Gly Arg
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250 <211> LENGTH: 25
251 <212> TYPE: PRT
252 <213> ORGANISM: Epstein Barr Virus
254 <400> SEQUENCE: 22
255 Arg Pro Pro Pro Gly Arg Arg Pro Phe Phe His Pro Val Gly Glu Ala
256   1           5           10           15
258 Asp Tyr Phe Glu Tyr His Gln Glu Gly
259           20           25
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 8
264 <212> TYPE: PRT
265 <213> ORGANISM: Epstein Barr Virus
267 <400> SEQUENCE: 23
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269   1           5
272 <210> SEQ ID NO: 24
273 <211> LENGTH: 9
274 <212> TYPE: PRT
275 <213> ORGANISM: Epstein Barr Virus
277 <400> SEQUENCE: 24
278 Pro Gly Ala Ile Glu Gln Gly Pro Ala

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283 <211> LENGTH: 8
284 <212> TYPE: PRT
285 <213> ORGANISM: Epstein Barr Virus
287 <400> SEQUENCE: 25
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289      1      5
292 <210> SEQ ID NO: 26
293 <211> LENGTH: 9
294 <212> TYPE: PRT
295 <213> ORGANISM: Epstein Barr Virus
297 <400> SEQUENCE: 26
298 Gly Gln Gly Asp Gly Gly Arg Arg Lys
299      1      5
302 <210> SEQ ID NO: 27
303 <211> LENGTH: 15
304 <212> TYPE: PRT
305 <213> ORGANISM: Epstein Barr Virus
307 <400> SEQUENCE: 27
308 Asp Gly Gly Arg Arg Lys Lys Gly Gly Trp Phe Gly Lys His Arg
309      1      5      10      15
312 <210> SEQ ID NO: 28
313 <211> LENGTH: 10
314 <212> TYPE: PRT
315 <213> ORGANISM: Epstein Barr Virus
317 <400> SEQUENCE: 28
318 Gly Lys His Arg Gly Gln Gly Gly Ser Asn
319      1      5      10
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323 <211> LENGTH: 8
324 <212> TYPE: PRT
325 <213> ORGANISM: Epstein Barr Virus
327 <400> SEQUENCE: 29
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329      1      5
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333 <211> LENGTH: 8
334 <212> TYPE: PRT
335 <213> ORGANISM: Epstein Barr Virus
337 <400> SEQUENCE: 30
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339      1      5
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343 <211> LENGTH: 8
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345 <213> ORGANISM: Epstein Barr Virus
347 <400> SEQUENCE: 31
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/607,918

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TIME: 10:17:07

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